

REMARKS

Prior to entry of this amendment, claims 1, 3-8 and 10-13 are pending in the subject application. By this amendment, claims 1 and 8 are amended and claims 14-20 are added. No new matter is added. Support for the amendments may be at least found in FIG. 4 and paragraphs [0036], [0044] and [0045] of applicants' originally filed specification.

Applicants further appreciate the Examiner's consideration of applicants' Information Disclosure Statement filed on May 8, 2006.

Claims 1, 3-8 and 10-20 are presented to the Examiner for further or initial consideration on the merits. Claims 1 and 8 are independent.

A. Introduction

In the outstanding Office action, the Examiner rejected claims 1, 8 and 12-13 under 35 U.S.C. § 102(e) as being anticipated by U.S. Patent Publication No. 2004/0217932 to Nally et al. ("the Nally et al. reference"); rejected claims 3-5, 7 and 10-11 under 35 U.S.C. § 103(a) as being obvious over the Nally et al. reference in view of U.S. Patent No. 5,841,492 to Iwauchi et al. ("the Iwauchi et al. reference");¹ and rejected claim 6 under 35 U.S.C. § 103(a) over the Nally et al. reference in view of the Iwauchi et al. reference, and further in view of U.S. Patent No. 5,131,736 to Alvarez ("the Alvarez reference").

For at least the reasons set forth below, the rejections are respectfully traversed.

B. Asserted Anticipation Rejection of Claims 1, 8 and 12-13

In the outstanding Office action, the Examiner rejected claims 1, 8 and 12-13 under 35 U.S.C. § 102(e) as being anticipated by the Nally et al. reference.

Independent claim 1 now recites, in part:

wherein a frame of an image being driven by the driver includes:

¹ In view of the detailed rejections of each of claims 3-5, 7 and 10-11, we believe the summary of rejection in paragraph 5, on page 4 of the Office action, incorrectly recites that claims 3-5, 7 and 10-11 as being "rejected under 35 U.S.C. § 103(a) as being unpatentable over the Kawamura et al. (US 5,117,224) in view of Someya et al. (US 5,396,257) and further in view of Iwauchi (US 5,843,492)."

a display period during which the driver drives the LCD panel to display a desired color by mixing a combination of light output by the plurality of color filters, and

a non-display period including a white light display period and a no-light display period during which the driver drives the LCD panel to display white light during the white light display period and then no light during the no-light display period at a different and-distinct time period after the white light display period of the non-display period.

Independent claim 8 now recites, in part:

during a frame of an image to be displayed:

driving the LCD panel during a display period to display a desired color by mixing a combination of light output from the plurality of color filters; and

driving the LCD panel during a non-display period including a no-light display period and a white light display period to display white light during the white light display period and then no light during the no-light display period after the white light display period of the non-display period.

Applicants respectfully submit that Nally et al. reference fails to disclose or suggest the combination of features recited in independent claim 1 and 8 as set forth above. For example, FIG. 7 of the Nally et al. reference may disclose a frame including a black display period and a white display period. However, the Nally et al. reference fails to disclose or even suggest providing a no-light display period after a white light display period of a non-display period of a frame. In fact, the **Nally et al. reference may rather teach away** from driving a display panel to display **no-light** after displaying **white light** because according to paragraph [0027] of the Nally et al. reference, “Regarding the white time period, in order to drive the pixel to a color state after the black periods, a burst to a maximum or minimum voltage across the TFT is sometime desired.” Thus, according to the Nally et al. reference, the white time period may be eliminated and, if included, is provided after the black time period, i.e., the **black display** period of a frame precedes the **white display** period (FIG. 7 and lines 7-10 of paragraph [0027] of the Nally et al. reference).

Accordingly, for at least these reasons, the Nally et al. reference fails to disclose or suggest the combination of features recited in each of independent claims 1 and 8 including,

inter alia, driving the LCD panel during a non-display period ... to display white light during the white light display period and then no light during the no-light display period after the white light display period of the non-display period, as recited in claim 8 and as similarly recited in device claim 1. For at least these reasons, the Nally et al. reference also fails to disclose or suggest the combination of features recited in dependent claim 12 and 13, which directly depend from claims 1 and 8, respectively. It is respectfully requested that the rejection be withdrawn.

C. Asserted Obviousness Rejection of Claims 3-5, 7 and 10-11

In the outstanding Office action, the Examiner rejected claims 3-5, 7 and 10-11 under 35 U.S.C. § 103(a) as being obvious over the Nally et al. reference in view of the Iwauchi et al. reference.² The rejection is respectfully traversed for at least the following reasons.

As discussed above, the Nally et al. reference fails to disclose or suggest the combination of features recited in each of independent claims 1 and 8, from one of which claims 3-5, 7 and 10-11 directly or indirectly depend. Applicants respectfully submit that the Iwauchi et al. reference fails to overcome deficiencies of the Nally et al. reference as applied to independent claims 1 and 8. Accordingly, the combination of the Nally et al. reference and the Iwauchi et al. reference fails to disclose or suggest the combination of features recited in claims 3-5, 7 and 10-11. It is respectfully requested that the rejection be withdrawn.

D. Asserted Obviousness Rejection of Claim 6

In the outstanding Office action, the Examiner rejected claim 6 under 35 U.S.C. § 103(a) over the Nally et al. reference in view of the Iwauchi et al. reference, and further in view of the Alvarez reference. The rejection is respectfully traversed for at least the following reasons.

As discussed above, the Nally et al. reference fails to disclose or suggest the combination of features recited in each of independent claim 1, from which claim 6 indirectly

² See footnote 1.

depends. Applicants respectfully submit that the Iwauchi et al. reference and the Alvarez both fail to overcome deficiencies of the Nally et al. reference as applied to independent claim 1. Accordingly, the combination of the Nally et al. reference, the Iwauchi et al. reference and the Alvarez reference fails to disclose or suggest the combination of features recited in claim 6. It is respectfully requested that the rejection be withdrawn.

E. New Claims 14-20

New dependent claims 14-20 indirectly or directly depend from one of independent claim 1 and 8, and thus, are allowable over the applied art for at least the reasons which independent claims 1 and 8 are allowable.

F. Conclusion

If the Examiner believes that additional discussions or information might advance the prosecution of the instant application, the Examiner is invited to contact the undersigned at the telephone number listed below to expedite resolution of any outstanding issues.

In view of the foregoing amendments and remarks, reconsideration of this application is earnestly solicited, and an early and favorable further action upon all the claims is hereby requested.

Respectfully submitted,

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